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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 6 — 3 — June, 1967

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1967, averaged 91,690 barrels daily, an increase of 1,914 barrels from the average May production of 89,776.

The nine refineries in state processed 108,062 barrels of crude oil daily for the month of June, 1967, an increase of 6,606 barrels from the 101,456 barrels processed daily during the month of May, 1967.

During June, 29 wells were completed, 11 oil, 0 gas wells and 18 dry holes.

During June, the commission issued 47 permits to drill new wells, an increase of 17 from the 30 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1967

IN STORAGE JUNE 1st	
By Producers	346,811
By Transporters	1,152,224
By Refiners	790,114
TOTAL STORAGE	2,289,149
Produced in Montana During Month	2,750,703
Imported During Month	2,332,593
TOTALS	7,372,445
DISPOSITION:	
Refined in Montana	3,241,880
Exported	1,708,712
Used for Fuel or Lost	10,281
TOTAL	4,960,873
IN STORAGE JUNE 30th	
By Producers	332,175
By Transporters	1,232,696
By Refiners	846,701
TOTAL STORAGE	2,411,572

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	44,014
Bowdoin	75,857
Bowes	49,598
Cabin Creek	107,252
Cedar Creek	125,466
Cut Bank (Including Reagan)	630,528
Devon	0
Dry Creek	2,447
Elk Basin	106,443
Flat Coulee	11,856
Gold Butte	479
Golden Dome	0
Grandview	13,739
Hardin	3,825
Keith Block	262,422
Kevin Sunburst	33,551
Lake Basin	107,906
Middle Butte	1,258
Mt. Lilly	34,609
Pine	67,825
Plevna	11,071
Utopia	85,547
Whitlash	170,884
Miscellaneous	114,124
TOTAL	2,060,701

Total withdrawals for June, 1966 were 1,988,681

PRODUCERS REPORT—MONTH OF JUNE, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	753	4,344	.....	4,643	.....	454
1	Bannatyne	1	476	187	.....	187	.....	476
4	Bear's Den	5	1,501	1,200	.....	1,024	.....	1,677
1	Bell Creek	1	.....	350	.....	.....	.....	350
1	Benrud	1	518	1,436	1,547	.....	.....	407
1	Benrud East	1	449	8,161	7,857	.....	.....	753
1	Benrud Northeast	1	699	12,838	12,923	.....	.....	614
1	Berthelote	1	497	313	416	.....	.....	394
6	Big Wall	22	2,197	26,150	27,002	.....	.....	1,345
5	Blackfoot	8	2,253	4,349	1,915	3,071	.....	1,616
....	Blackfoot East	....	40	.....	.....	.....	.....	40
....	Border	....	.....	1,215	.....	1,215	.....	.....
1	Bowes	49	8,035	14,864	15,663	.....	.....	7,236
2	Bradley	2	1,093	861	1,225	.....	.....	729
2	Brady	2	616	64	358	.....	.....	322
....	Bynum	....	219	.....	.....	.....	.....	219
2	Cabin Creek	103	7,079	276,283	276,340	.....	.....	7,022
17	Cat Creek	78	3,573	12,685	10,201	3,761	72	2,224
1	Clark's Fork	1	183	150	.....	158	.....	175
2	Conrad South	2	662	391	391	.....	.....	662
1	Cupton	1	1,448	1,150	.....	1,306	.....	1,292
186	Cut Bank	982	96,240	274,544	273,354	5,799	118	91,513
2	Deer Creek	3	1,177	3,175	3,532	.....	.....	820
1	Delphia	1	449	699	.....	708	.....	440
....	Devil's Basin	....	759	.....	.....	.....	.....	759
....	Dry Creek	....	69	.....	.....	.....	.....	69
14	Dwyer	15	4,888	22,821	22,496	.....	.....	5,213
4	Elk Basin	57	2,315	234,109	233,977	.....	.....	2,447
5	Elk Basin Northwest	13	2,151	12,265	12,189	.....	.....	2,227
4	Fairview	4	988	35,773	11,259	21,359	.....	4,143
3	Fertile Prairie	3	1,042	1,294	.....	1,383	.....	953
23	Flat Coulee	30	5,452	16,084	16,103	.....	.....	5,433
38	Flat Lake	55	5,876	91,273	89,636	.....	.....	7,513
1	Flat Lake South	1	800	1,753	2,036	.....	.....	517
2	Frannie	2	.....	1,078	.....	1,078	.....	.....
18	Fred & George Creek	36	2,683	100,021	100,170	.....	.....	2,534
1	Gage	1	788	540	.....	540	.....	788
....	Gage Southwest	....	4	.....	.....	.....	.....	4
4	Gas City	23	6,650	37,175	38,248	.....	.....	5,577
9	Glendive	12	2,761	45,476	36,382	9,345	.....	2,510
21	Goose Lake	26	2,464	66,317	64,587	.....	.....	4,194
9	Graben Coulee	26	5,320	10,870	9,471	1,655	.....	5,064
....	Grandview	....	528	.....	.....	.....	.....	528
3	Gypsy Basin	5	2,295	606	688	.....	40	2,173
1	Hibbard	1	502	266	.....	190	.....	578
1	Hiawatha	1	692	654	.....	.....	.....	1,346
6	Ivanhoe	11	2,715	12,436	13,041	.....	.....	2,110
9	Keg Coulee	27	6,323	19,000	20,783	.....	.....	4,540
3	Keg Coulee North	3	1,666	1,522	1,826	.....	.....	1,362
1	Kelley	1	843	12,512	12,825	.....	.....	530
115	Kevin Sunburst	629	19,095	36,486	36,592	1,739	.....	17,250
1	Little Beaver	29	.....	31,717	31,717	.....	.....	.....
2	Little Beaver East	13	1,879	18,849	17,940	.....	.....	2,788
3	Lodge Grass	3	1,954	3,357	.....	3,927	.....	1,384
25	Lookout Butte	79	4,200	140,099	139,694	.....	.....	4,605
1	Mackay Dome	1	770	194	.....	.....	.....	964
2	Mason Lake	2	497	1,122	1,208	.....	.....	411
2	Melstone	4	715	2,399	1,805	.....	.....	1,309
1	Mineral Bench	1	646	1,019	1,154	.....	.....	511
2	Miner's Coulee	6	433	2,185	.....	2,190	.....	428
8	Monarch	14	3,711	27,178	26,785	.....	.....	4,104
4	Mosser	4	.....	641	.....	641	.....	.....
6	Outlook	11	7,454	31,289	33,671	.....	.....	5,072
2	Outlook South	2	792	2,307	1,509	.....	.....	1,590
2	Outlook West	2	1,197	6,099	1,400	4,736	.....	1,160
71	Pennel	118	5,121	161,780	161,250	.....	.....	5,651
4	Pine	126	17,844	313,081	314,149	.....	.....	16,776
3	Pole Creek	4	972	3,248	.....	2,012	.....	2,208
70	Pondera	288	8,137	30,737	31,896	.....	.....	6,978
4	Poplar East	71	9,584	61,349	61,325	.....	38	9,570
4	Poplar Northwest	5	1,873	1,614	1,494	.....	.....	1,993
1	Prairie Elk	1	917	86	.....	.....	.....	1,003
4	Ragged Point	12	3,022	10,239	10,777	.....	.....	2,484
4	Ranch Creek	4	1,608	2,517	.....	2,993	7	1,125
1	Rattlesnake Coulee	1	629	1,016	699	.....	.....	946
4	Reagan	45	1,160	21,123	21,324	.....	.....	959
1	Red Creek	27	.....	26,243	25,898	345	.....	.....
1	Red Fox	1	284	11,824	11,468	.....	.....	640
1	Redstone	1	849	5,504	6,031	.....	.....	322
1	Repeat	1	425	1,394	.....	1,216	.....	603
1	Reserve	1	2,596	6,465	.....	8,225	.....	836
1	Richey	1	368	317	.....	.....	123	562
6	Richey Southwest	8	969	9,138	9,396	.....	.....	711
7	Sand Creek	10	2,663	12,164	12,294	.....	.....	2,533
1	Shotgun Creek	1	418	766	.....	939	.....	245
3	Sidney-Brorson	3	1,471	1,498	.....	1,571	.....	1,398
2	Smoke Creek	2	811	5,654	.....	5,935	.....	530
2	Snyder	4	951	1,000	.....	1,000	.....	951
6	Soap Creek	17	2,846	6,047	.....	6,532	.....	2,361
1	Spring Lake	1	1,285	1,227	.....	1,312	.....	1,200
2	Stensvad	24	3,586	32,193	32,412	.....	.....	3,367
32	Sumatra	85	11,455	57,510	56,796	.....	.....	12,169
5	Tule Creek	7	4,142	42,527	.....	43,055	.....	3,614
2	Tule Creek East	2	1,058	23,758	4,306	19,680	.....	830
2	Tule Creek South	3	900	7,022	6,600	.....	70	1,252
2	Vida	2	798	1,894	.....	1,959	.....	733
4	Volt	6	1,930	18,208	17,632	.....	.....	2,506
3	Weed Creek	5	1,888	21,624	16,548	5,420	16	1,528
5	Weldon	16	1,386	123,327	123,444	.....	.....	1,269
17	Whitlash	37	8,017	23,301	22,615	.....	.....	8,703
2	Whitlash West	2	1,125	790	1,431	.....	.....	484
2	Wills Creek South	2	691	6,850	7,064	.....	.....	477
7	Wolf Springs	10	5,888	15,539	17,068	.....	.....	4,359
4	Woodrow	5	591	3,604	3,354	.....	.....	841
1	Wildcat, Carbon County	1	1,179	271	.....	322	316	812
1	Wildcat, Glacier County	1	173	283	.....	250	1	205
1	Wildcat, Richland County	1	787	1,559	.....	1,529	.....	817
1	Wildcat, Roosevelt County	1	340	217	.....	401	.....	156
893	Total	3,386	346,811	2,750,703	2,589,187	175,351	801	332,175

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
First Quarter, 1967	8,269,076	91,878	8,253,252	91,702
April, 1967	2,693,356	89,778	2,671,801	81,060
May, 1967	2,783,058	89,776	2,801,244	90,362
June, 1967	2,750,703	91,690	2,764,538	92,151

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,546	1,034,375	584,580	1,956,501
March, 1967	345,817	1,086,767	636,377	2,068,961
April, 1967	365,634	1,189,697	795,954	2,351,285
May, 1967	346,811	1,152,224	790,114	2,289,149
June, 1967	332,175	1,232,696	846,701	2,411,572

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF JUNE, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,643				4,643		
BANNATYNE—Truck			187			187			
BEAR'S DEN—Truck			1,024					1,024	
BIG WALL—Continental Pipeline Co.		27,002				27,002			
BLACKFOOT—									
Camerland Cardinal Corp.			3,071					3,071	
Union Oil Co.		1,915				1,915			
		1,915	3,071			1,915		3,071	
BORDER—Truck			1,215				1,215		
BOWES—Texaco		15,663				15,663			
CABIN CREEK & OTHERS°									
Butte Pipeline Co.	319,394	830,456	15,209	818,710			1,673,172		310,597
Shell Pipeline Co.	4,067	330,888			267			325,422	9,266
	323,461	1,161,344	15,209	818,710	267		1,673,172	325,422	319,863
CAT CREEK—									
Continental Pipeline Co.		10,201				10,201			
Truck			3,761			3,761			
		10,201	3,761			13,962			
CLARK'S FORK—Truck			158				158		
CUT BANK—									
Continental Pipeline Co.			11,728	454,298				466,026	
Phillips Petroleum Co.	105,493	68,777		80,510	((1,522)	117,336		29,944	109,022
Texas Pipeline Co.	16,299	91,116		20,539	50			111,156	16,748
Union Oil Co.	138,837	103,645			2,534	104.537		300	135,111
Western Oil Trans. Co.		50,062						50,062	
Western Oil Trans. (Moulton)		61,537						61,537	
	260,629	375,137	11,728	555,347	1,062	221,873		719,025	260,881
DELPHIA—Truck			708			708			
DWYER—Portal Pipeline Co.		22,952					22,952		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		245,261				245,261			
FAIRVIEW—Rock Island Oil & Ref. Co.			21,359				21,359		
FLAT COULEE—									
Camerland Cardinal Corp.		15,114				15,114			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		83,296					83,296		
FRANNIE—Interstate Pipeline Co.			1,078				1,078		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	18,234	99,122				26,247		60,886	30,223
GAGE & GAGE SOUTHWEST—Truck			540			540			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—Texas Pipeline Co.	6,859	37,464			126			38,358	5,839
GOOSE LAKE—Portal Pipeline Co.		63,099					63,099		
HIBBARD—Truck			190			190			
IVANHOE—Continental Pipeline Co.		12,989				10,684	2,305		
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		22,647				13,522	9,125		
KELLEY—Continental Pipeline Co.		12,826				12,826			
KEVIN SUNBURST—									
Big West Oil Co.	3,682	20,000				20,000			3,682
Homestake Oil & Gas Co.	574	2,276							2,850
Texas Pipeline Co.	9,627	13,263			48			7,396	15,446
	13,883	35,539			48	20,000		7,396	21,978
LODGE GRASS—Truck			3,927			3,927			
MASON LAKE—Continental Pipeline Co.		1,208				1,208			
MELSTONE—Continental Pipeline Co.		1,805				1,805			
MOSSER—Truck			641				641		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			4,736				4,736		
POLE CREEK—Truck			2,012				2,012		
PONDERA—Phillips Petroleum Co.	60,046	33,777			277	28,789			64,757
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	13,044	201,120			2,723			194,983#	16,458
RAGGED POINT—									
Continental Pipeline Co.		8,464				1,776	6,688		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,993				2,993		
RED CREEK—									
Western Oil Transportation Co.		31,168						31,168	
RESERVE—Truck			8,225				8,225		
SHOTGUN CREEK—Truck			939				939		
SIDNEY-BRORSON—Truck			1,571					1,571	
SMOKE CREEK—Rock Island Oil & Ref.			5,935				5,935		
SNYDER—Truck			1,000			1,000			
SOAP CREEK—Truck			6,532			6,532			
SPRING LAKE—Rock Island Oil & Ref.			1,312				1,312		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	452,031	86,647		466,904	3,171	71,071		423,837	507,503
TULE CREEK—Tesoro Petr. Corp.	4,037		62,735			61,578			5,194
WEED CREEK—									
Truck			5,420			5,420			
Continental Pipeline Co.		16,548				16,548			
		16,548	5,420			21,968			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		23,151				21,141		2,010	
WOLF SPRINGS—									
Continental Pipeline Co.		12,103				12,103			
WILDCAT WELLS—Truck			2,502				2,502		
TOTALS	1,152,224	2,657,562	175,351	1,840,961	7,674	858,592	1,918,385	1,808,751	1,232,696

°Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JUNE, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	27,002	.....	.....	.....	.....	.....	27,002
Bowes	.....	.....	15,001	.....	.....	.....	.....	.....	.....	15,001
Cat Creek	.....	8,995	.....	.....	.....	3,204	.....	.....	.....	12,199
Cut Bank	.....	.....	.....	.....	.....	.....	116,494	.....	88,734	205,228
Delphia	.....	.....	.....	.....	.....	595	.....	.....	.....	595
Devil's Basin	.....	.....	.....	.....	.....	4	.....	.....	.....	4
Elk Basin	.....	99,153	.....	61,838	84,269	.....	.....	.....	.....	245,260
Flat Coulee	.....	.....	.....	.....	.....	.....	.....	.....	15,114	15,114
Fred & George Creek	26,247	.....	.....	.....	.....	.....	.....	.....	.....	26,247
Gage & Gage S.W.	.....	.....	.....	.....	.....	396	.....	.....	.....	396
Hibbard	.....	.....	.....	.....	.....	227	.....	.....	.....	227
Ivanhoe	.....	.....	.....	.....	10,684	.....	.....	.....	.....	10,684
Keg Coulee	.....	1,826	.....	11,696	.....	.....	.....	.....	.....	13,522
Kelley	.....	.....	.....	.....	12,825	.....	.....	.....	.....	12,825
Kevin Sunburst	35,539	.....	.....	.....	.....	.....	.....	.....	.....	35,539
Lodge Grass	.....	3,927	.....	.....	.....	.....	.....	.....	.....	3,927
Mason Lake	.....	1,208	.....	.....	.....	.....	.....	.....	.....	1,208
Melstone	.....	.....	.....	1,805	.....	.....	.....	.....	.....	1,805
Pondera	.....	.....	.....	.....	.....	.....	28,789	.....	.....	28,789
Ragged Point	.....	977	.....	799	.....	.....	.....	.....	.....	1,776
Red Creek	.....	.....	.....	.....	45,779	.....	.....	.....	.....	45,779
Sand Creek	.....	.....	.....	.....	.....	187	.....	.....	.....	187
Snyder	.....	1,000	.....	.....	.....	.....	.....	.....	.....	1,000
Soap Creek	.....	6,532	.....	.....	.....	.....	.....	.....	.....	6,532
Sumatra & Stensvad	.....	15,317	.....	55,754	16,000	.....	.....	.....	.....	87,071
Tule Creek	.....	.....	.....	.....	.....	.....	.....	61,578	.....	61,578
Weed Creek	.....	.....	.....	.....	16,548	.....	.....	.....	.....	16,548
Whitlash	21,141	.....	.....	.....	.....	.....	.....	.....	.....	21,141
Wolf Springs	.....	.....	.....	.....	12,103	.....	.....	.....	.....	12,103
Total Montana Oil	82,927	138,935	15,001	158,894	198,208	4,613	145,283	61,578	103,848	909,287
Canadian Oil Imported	.....	454,298	.....	.....	.....	.....	.....	.....	.....	454,298
Wyoming Oil Imported	.....	439,076	.....	451,412	987,807	.....	.....	.....	.....	1,878,295
Total Montana, Canadian & Wyoming Oil	82,927	1,032,309	15,001	610,306	1,186,015	4,613	145,283	61,578	103,848	3,241,880

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
June, 1966	29,833	14,796	55,792	100,421
June, 1967	30,309	15,144	62,609	108,062

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1966	31.78%	14.02%	54.20%
June, 1966	29.70%	14.75%	55.55%
June, 1967	28.04%	14.03%	57.93%